

AGENDA

The Health Impact of Chemical Exposures During the Gulf War: A Research Planning Conference

February 28 - March 2 , 1999
Crowne Plaza Hotel - Atlanta Airport
Atlanta, Georgia

Day 1 (Sunday, February 28, 1999)

8:00 - 8:10 Welcome

Richard Jackson, MD, MPH - Director, National Center for Environmental Health, Centers for Disease Control and Prevention

Ruth Kirschstein, MD - Deputy Director, National Institutes of Health

CAPT Peter Mazzella - Director, Office of Military Liaison and Veterans Affairs, Office of Public Health and Science, Department of Health and Human Services

8:10- 8:30 Opening Remarks

The Honorable Bernard Sanders (I-Vermont) - U.S. House of Representatives

SESSION I - Background: Gulf War Chemical Exposures and their Health Impact

8:30 - 9:15 Key Note Address - The Gulf War Experience: Current Findings and Future Directions

G. Marie Swanson, PhD, MPH - Professor of Family Practice; Director, Cancer Center, Michigan State University

9:15 - 10:00 The Experience of Veterans (Panel Discussion)

Moderator: Donald Edwards - Major General, United States Army (Retired); Special Projects Coordinator for Congressman Bernard Sanders

Anthony Hardie - President, Gulf War Veterans of Wisconsin; National Secretary, National Gulf War Resource Center

Rick Hirst - Training and Quality Control Specialist, Veterans of Foreign Wars

Debbie Judd, RN, MPA/HSA - President, Northern California Association of Gulf War Veterans; Board Member, National Gulf War Resource Center

L. A. McClure - Referrals Coordinator, Alaska Gulf War Syndrome

Ronald Murray - President, Gulf War Veterans of Georgia; Board Member, National Gulf War Resource Center

Denise Nichols, MAJ, USAFR (Ret), MS - Vice-Chair, National Vietnam and Gulf War Veterans Coalition; President and Founder, Desert Storm Veterans of the Rocky Mountains

Matthew Puglisi - Assistant Director, Gulf War Programs, The American Legion

Victor Silvester - International President, Operation Desert Shield/Desert Storm Association

David Smith - State Commander, Idaho Desert Storm Justice Foundation

Debra Smith - Vice President, National Gulf War Resource Center

Joseph Violante - National Legislative Director, Disabled American Veterans

10:00 - 10:15 Break

**SESSION II - Possible Health Outcomes of Low Level Chemical Exposures:
What Do We Know From the Civilian Literature**

Moderator: David Schwartz, MD, MPH - Professor of Medicine, University of Iowa College of Medicine

10:15 - 10:40 Health Effects of Chemicals on the Immune System

Noel Rose, MD, PhD - Professor of Pathology and Professor of Molecular Microbiology and Immunology, Johns Hopkins University

10:40 - 11:05 Health Effects of Chemicals on the Nervous System

Peter Spencer, PhD, FRCPath - Professor and Director, Center for Research on Occupational and Environmental Toxicology, Oregon Health Sciences University

11:05 - 11:30 Health Effects of Chemicals on the Pulmonary/Respiratory System

Stuart Brooks, MD - Professor, Colleges of Medicine and Public Health; Director, Sunshine Education and Research Center, Department of Environmental and Occupational Health, College of Public Health, University of South Florida

11:30 - 12:00 Panel Discussion

Stuart Brooks, MD; Noel Rose, MD, PhD; David Schwartz, MD, MPH; Peter Spencer, PhD

12:00 - 1:30 Lunch on Your Own

SESSION III - Multiple Chemical Sensitivity (MCS): Research and Clinical Findings among Gulf War Veterans and Civilian Populations

Moderator: Claudia Miller, MD, MS - Associate Professor, Department of Family Practice, Environmental and Occupational Medicine, University of Texas Health Science Center

1:30 - 2:15 Research on MCS and Gulf War Veterans (Panel Report on Current Research)

Iris Bell, MD, PhD - Staff Physician, Department of Psychiatry, Tucson Veterans Affairs Medical Center

Donald Black, MD - Professor of Psychiatry, University of Iowa College of Medicine

Daniel Clauw, MD - Associate Professor of Medicine and Orthopaedics, Chief, Division of Rheumatology, Immunology, and Allergy, Georgetown University

Nancy Fiedler, PhD - Associate Professor, Department of Environmental and Community Medicine, UMDNJ-Robert Wood Johnson Medical School

Susan Proctor, DSc - Associate Professor, School of Public Health, Boston University, Assistant Director, Boston Environmental Hazards Center, Boston VA Medical Center

2:15 - 3:00 MCS in Civilian Populations (Panel Discussion)

Iris Bell, MD, PhD - Staff Physician, Department of Psychiatry, Tucson Veterans Affairs Medical Center

James Cone, MD, MPH - Acting Chief, Occupational Health Branch, California Department of Health Services

Richard Graveling, PhD - Head, Department of Ergonomics, Institute of Occupational Medicine, United Kingdom

William Meggs, MD, PhD - Associate Professor of Emergency Medicine, Vice-Chair for Clinical Affairs, Chief, Division of Toxicology, Department of Emergency Medicine, East Carolina University School of Medicine

Anne Solomon, PhD, MA - Research Fellow, Department of Medicine, Pennsylvania State College of Medicine

Roberta White, PhD - Director, Boston Environmental Hazards Center, Boston VA medical Center

3:00 - 3:45 MCS: The Experience of Patients and Physicians (Panel Discussion)

Rebecca Bascom, MD, MPH - Professor of Medicine, Pennsylvania State College of Medicine

Leslie Israel, DO, MPH - Medical Director, UCSF-Stanford Employee and Occupational Health Services; Assistant Clinical Professor, Department of Medicine, University of California, San Francisco

Mary Lamielle - Executive Director, National Center for Environmental Health Strategies, Inc.

William Rea, MD, FACS - Director, Environmental Health Center-Dallas

*Cynthia Wilson - Executive Director and Chairman of the Board, Chemical Injury Information
Network and Environmental Access Research Network*

Grace Ziem, MD, DrPH - Private Practice, Occupational Medicine

3:45 - 4:00 Break

Session IV - Concurrent Work Group Panels: Review of Major Research Issues

4:00 - 5:45 Workgroup 1: Chemical Exposures and Illnesses among Gulf War Veterans:
Pathophysiology, Etiology, and Mechanisms of Action

4:00 - 5:45 Workgroup 2: Assessment/Diagnosis of Illnesses Associated with Chemical
Exposures

4:00 - 5:45 Workgroup 3: Treatment of Gulf War Veterans

4:00 - 5:45 Workgroup 4: Prevention

5:45 - 7:30 Dinner On Your Own

7:30 - 9:00 Veterans Forum: Open Discussion Regarding Research Priorities
(Opportunity for veterans to voice their concerns to the Workgroup Chairs)

*Facilitator: Michael Sage, MPH - Acting Deputy Director, Division of Environmental Hazards
and Health Effects, National Center for Environmental Health, Centers for Disease
Control and Prevention*

Day 2 (Monday, March 1, 1999)

Session V: Chemical Exposures: Possible Mechanisms of Action

*Moderator: Eula Bingham, PhD - Professor, Department of Environmental Health, University of
Cincinnati Medical Center*

8:00 - 8:20 Role of Susceptibility

*Hermona Soreq, PhD - Professor of Molecular Biology, Head, Life Sciences Institute, Hebrew
University*

8:20 - 8:40 Synergistic Effects of Chemical Combinations

Mohamed Abou-Donia, PhD - Professor, Department of Pharmacology, Duke University Medical Center

8:40 - 9:00 Olfactory Mechanisms

Richard Doty, PhD - Director, Smell and Taste Center, Professor of Otorhinolaryngology, University of Pennsylvania Medical Center

9:00 - 9:20 Toxicant-Induced Loss of Tolerance and Masking

Claudia Miller, MD, MS - Associate Professor, Department of Family Practice, Environmental and Occupational Medicine, University of Texas Health Science Center

9:20 - 10:00 Panel Discussion

Mohamed Abou-Donia, PhD; Eula Bingham, PhD; Richard Doty, PhD; Claudia S. Miller, MD, MS; Hermona Soreq, PhD

10:00 - 10:15 Break

Session VI: Concurrent Work Group Panels: Opportunity for Public Input Regarding Research Recommendations

10:15 - 12:00 Workgroup 1: Chemical Exposures and Illnesses Among Gulf War Veterans:
Pathophysiology, Etiology, and Mechanisms of Action

10:15 - 12:00 Workgroup 2: Assessment/Diagnosis of Illnesses Associated with Chemical Exposures

10:15 - 12:00 Workgroup 3: Treatment of Gulf War Veterans

10:15 - 12:00 Workgroup 4: Prevention

12:00 - 1:30 Lunch On Your Own

Session VII: Studying the Health Impact of Chemical Exposures During the Gulf War: Methodological Considerations

Moderator: Stephen Thacker, MD, MSc - Director, Epidemiology Program Office, Centers for Disease Control and Prevention

1:30 - 2:00 Current Status of Gulf War Exposure Data

Jack Heller, PhD - Senior Scientist, Deployment Environmental Surveillance Program, United States Army Center for Health Promotion and Preventive Medicine

2:00 - 3:00 Research Strategies (Panel Discussion)

John Feussner, MD - Chief Research and Development Officer, Office of Research and Development, Department of Veterans Affairs

Gary Gackstetter, DVM, MPH, PhD - Colonel, United States Air Force, Biomedical Sciences Corps; Assistant Professor and Deputy Director, Division of Epidemiology and Biostatistics, Department of Preventive Medicine and Biometrics, Uniformed Services University of the Health Sciences

Robert Haley, MD, FACE, FACP - Director, Division of Epidemiology, Department of Internal Medicine, University of Texas Southwestern Medical Center

Penelope Keyl, MSc, PhD - Assistant Professor, Department of Emergency Medicine, Johns Hopkins School of Medicine

David Ozonoff, MD, MPH - Chair, Department of Environmental Health, Boston University School of Public Health; Medical Director, Boston Environmental Hazards Center, Boston VA Medical Center

3:00 - 3:15 Break

Session VIII: Concurrent Work Group Panels: Finalization of Research Recommendations

3:15 - 5:30 Workgroup 1: Chemical Exposures and Illnesses Among Gulf War Veterans: Pathophysiology, Etiology, and Mechanisms of Action

3:15 - 5:30 Workgroup 2: Assessment/Diagnosis of Illnesses Associated with Chemical Exposures

3:15 - 5:30 Workgroup 3: Treatment of Gulf War Veterans

3:15 - 5:30 Workgroup 4: Prevention

Workgroup Members

Pathophysiology/Etiology Workgroup:

Mohamed Abou-Donia, PhD - Professor, Department of Pharmacology, Duke University Medical Center

David Ashley, PhD - Chief, Air Toxicants Branch, Division of Environmental Health Laboratory Sciences, National Center for Environmental Health, Centers for Disease Control and Prevention

Iris Bell, MD, PhD - Staff Physician, Department of Psychiatry, Tucson Veterans Affairs Medical Center

Goran Jamal, MD, PhD, FRCP - Consultant Neurologist, Senior Clinical Lecturer, Imperial College, London University, Department of Neurology, Central Middlesex Hospital

COL Andras L. Korenyi-Both, MD, PhD - United States Army National Guard; Medical Director and Director of Clinical Laboratories, Comprehensive Medical Network, Pennsylvania

Claudia Miller, MD, MS - Associate Professor, Department of Family Practice, Environmental and Occupational Medicine, University of Texas Health Science Center

Deborah Norris, PhD - Neurotoxicologist, U.S. Environmental Protection Agency, Office of Pollution Prevention and Toxics

Arnold Peckerman, PhD - Assistant Professor, Department of Neurosciences, University of Medicine and Dentistry of New Jersey; Director, Psychophysiology Laboratory. Gulf War Research Center, East Orange VA Medical Center

Satu Somani, PhD - Professor of Pharmacology and Toxicology, Department of Pharmacology, Southern Illinois University School of Medicine

Hermona Soreq, PhD - Professor of Molecular Biology, Head, Life Sciences Institute, Hebrew University

Barbara Sorg, PhD - Assistant Professor, Program in Neuroscience- VCAPP Department, Washington State University

Peter Spencer, PhD - Professor and Director, Center for Research on Occupational and Environmental Toxicology, Oregon Health Sciences University

*Barry Wilson, PhD - Professor, Department of Animal Science and Department of Environmental Toxicology, University of California, Davis (**Workgroup Chair**)*

Assessment/Diagnosis Workgroup:

Maria Rosario Araneta, PhD, MPH - Epidemiologist, Emerging Illness Research Team, Naval Health Research Center

Lawrence A. Bradley, PhD - Professor of Medicine, Division of Clinical Immunology and Rheumatology, University of Alabama, Birmingham

Albert Donnay, MHS - Director, MCS Referral and Resources

Gary Gackstetter, DVM, MPH, PhD - Colonel, United States Air Force, Biomedical Sciences Corps; Assistant Professor and Deputy Director, Division of Epidemiology and Biostatistics, Department of Preventive Medicine and Biometrics, Uniformed Services University of the Health Sciences

Robert Haley, MD, FACE, FACP - Director, Division of Epidemiology, Department of Internal Medicine, University of Texas Southwestern Medical Center

Penelope Keyl, MSc, PhD - Assistant Professor, Department of Emergency Medicine, Johns Hopkins School of Medicine

Howard Kipen, MD, MPH - Associate Professor, Director, Division of Occupational Health Environmental and Occupational Health Sciences Institute, UMDNJ-Robert Wood Johnson Medical School

Linda McCauley, PhD - Associate Professor, Oregon Health Sciences University, Center for Research on Occupational and Environmental Toxicology

Karen Schmaling, PhD - Associate Professor of Psychiatry and Behavioral Sciences, University of Washington

Edward Shorter, PhD - Professor, History of Medicine, Faculty of Medicine, University of Toronto

Terry Spittler, PhD - Senior Research Associate, Center for the Environment and Department of Food Science and Technology, Cornell University

Robert Vogt, PhD - Research Chemist, Clinical Biochemistry Branch, Division of Environmental Health Laboratory Sciences, National Center for Environmental Health, Centers for Disease Control and Prevention

*Roberta White, PhD - Director, Boston Environmental Hazards Center, Boston VA medical Center (**Workgroup Chair**)*

Treatment Workgroup:

Rebecca Bascom, MD, MPH - Professor of Medicine, Pennsylvania State College of Medicine

Stuart Brooks, MD - Professor, Colleges of Medicine and Public Health, Director, Sunshine Education and Research Center, Department of Environmental and Occupational Health, College of Public Health, University of South Florida

Daniel Clauw, MD - Associate Professor of Medicine and Orthopaedics, Chief, Division of Rheumatology, Immunology, and Allergy, Georgetown University

LTC Charles Engel, Jr. MD, MPH - Chief, Gulf War Health Center, Walter Reed Army Medical Center

Nancy Fiedler, PhD - Associate Professor, Department of Environmental and Community Medicine, UMDNJ-Robert Wood Johnson Medical School

Victor Gordan, MD - Staff Physician, Outpatient Service, Manchester VA Medical Center

Leslie Israel, DO, MPH - Medical Director, UCSF-Stanford Employee and Occupational Health Services; Assistant Clinical Professor, Department of Medicine, University of California, San Francisco

Mary Lamielle - Executive Director, National Center for Environmental Health Strategies, Inc.

William Meggs, MD, PhD - Associate Professor of Emergency Medicine, Vice-Chair for Clinical Affairs, Chief, Division of Toxicology, Department of Emergency Medicine, East Carolina University School of Medicine

Benjamin Natelson, MD - Professor, Department of Neuroscience, New Jersey Medical School, Medical Director, Center for Environmental Hazards Research, East Orange VA Medical Center (Workgroup Chair)

Michael Sharpe, MA, MB, MRCP, MRCPsych - Senior Lecturer in Psychological Medicine, University of Edinburgh, Royal Edinburgh Hospital

Anne Solomon, PhD, MA - Research Fellow, Department of Medicine, Pennsylvania State College of Medicine

Grace Ziem, MD, DrPH - Private Practice, Occupational Medicine

Prevention Workgroup:

Henry Anderson, MD - Environmental/Occupational Epidemiologist, Division of Public Health, Wisconsin Department of Health and Family Services

Lt Col Philip Bolton - Medical Advisor, Gulf Veterans Illnesses Unit, Ministry of Defence, Whitehall, London

Eula Bingham, PhD - Professor, Department of Environmental Health, University of Cincinnati Medical Center

Larry Edmonds, MSPH - Acting Chief, State Services Branch, Division of Birth Defects and Pediatric Genetics, National Center for Environmental Health, Centers For Disease Control and Prevention

Jack Heller, PhD - Senior Scientist, Deployment Environmental Surveillance Program, US Army Center for Health Promotion and Preventive Medicine

CAPT Michael Kilpatrick, MD - Director, Medical Outreach and Information, Office of the Special Assistant for Gulf War Illnesses

Max Lum, EdD, MPA - Associate Director for Health Communication, National Institute of Occupational Safety and Health

Melissa McDiarmid, MD, MPH - Assistant Professor of Medicine, University of Maryland; Director, VA Depleted Uranium Program, Occupational Health Project, Baltimore VA Medical Center (Workgroup Chair)

James Pirkle, MD, PhD - Assistant Director for Science, Division of Environmental Health Laboratory Sciences, National Center for Environmental Health, Centers for Disease Control and Prevention

Douglas Rokke, PhD - Assistant Professor, Department of Physical and Earth Science, Jacksonville State University

COL Ken Scott, MD - Assistant Chief of Staff, Health Support Operational Training Units Canadian Forces Medical Group - Headquarters

LT COL Bob Thompson, Preventive Medicine Action Officer, Logistics Directorate, Medical Readiness Division, The Joint Staff

James Tuite, III, MA - Director, Interdisciplinary Science, Chronic Illness Research Foundation

Workgroup Facilitators

Pathophysiology/Etiology Workgroup:

Moiz Mumtaz, PhD - Science Advisor, Research Implementation Branch, Division of Toxicology, Agency for Toxic Substances and Disease Registry

Sheila Newton, PhD - Director of Policy, Planning, and Evaluation, Office of the Director, National Institute of Environmental Health Sciences, National Institutes of Health

Assessment/Diagnosis Workgroup:

CDR Patrick McNeilly - Deputy Director, Office of Military Liaison and Veterans Affairs, Office of Public Health and Science, Office of the Secretary, Department of Health and Human Services

Dori Reissman, MD, MPH - Epidemiologic Intelligence Officer, Lead Branch, Division of Environmental Hazards and Health Effects, National Center for Environmental Health, Centers for Disease Control and Prevention

Treatment Workgroup:

Edwin Kilbourne, MD - Senior Medical Officer, Office of the Director, Division of Environmental Hazards and Health Effects, National Center for Environmental Health, Centers for Disease Control and Prevention

Steven Yoon, ScD, MPH - Acting Section Chief, Medical Examiner/Coroner Information Sharing Program, Surveillance and Programs Branch, Division of Environmental Hazards and Health Effects, Centers for Disease Control and Prevention

Prevention Workgroup:

Donna Dean, PhD - Senior Advisor to the Deputy Director, National Institutes of Health

Timothy Tinker, DrPH, MPH - Chief, Communications and Research Branch, Division of Health Education and Promotion, Agency for Toxic Substances and Disease Registry

Conference Executive Planning Committee

Drue Barrett, PhD (Chair) - Chief, Veterans' Health Activity Working Group, Division of Environmental Hazards and Health Effects, National Center for Environmental Health, Centers for Disease Control and Prevention

Donna J. Dean, PhD - Senior Advisor to the Deputy Director, National Institutes of Health

CAPT Peter Mazzella - Director, Office of Military Liaison and Veterans Affairs, Office of Public Health and Science, Office of the Secretary, Department of Health and Human Services

CDR Patrick McNeilly - Deputy Director, Office of Military Liaison and Veterans Affairs, Office of Public Health and Science, Office of the Secretary, Department of Health and Human Services

Moiz Mumtaz, PhD - Science Advisor, Research Implementation Branch, Division of Toxicology, Agency for Toxic Substances and Disease Registry

Sheila Newton, PhD - Director of Policy, Planning, and Evaluation, Office of the Director, National Institute of Environmental Health Sciences, National Institutes of Health

Phillip Talboy, PHA (Co-Chair) - Deputy Chief, Veterans' Health Activity Working Group, Division of Environmental Hazards and Health Effects, National Center for Environmental Health, Centers for Disease Control and Prevention